Title: SELF-ASSEMBLING ARRAYS AND USES THEREOF

Applicants: Ault-Riche et al.

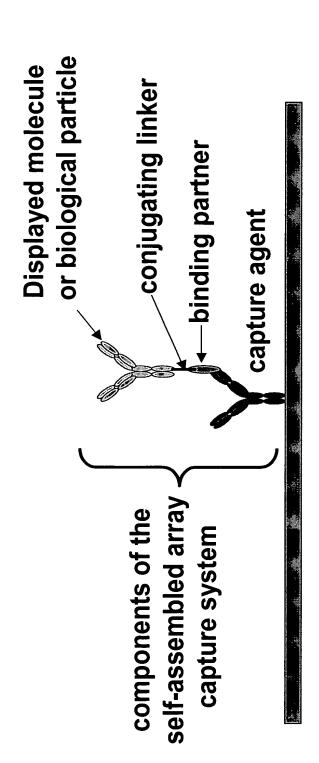
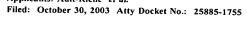


Figure 1A

HELLER EHRMAN WHITE & McAULIFFE (Sheet -2- of 23)

Title: SELF-ASSEMBLING ARRAYS AND USES THEREOF

Applicants: Ault-Riche et al.



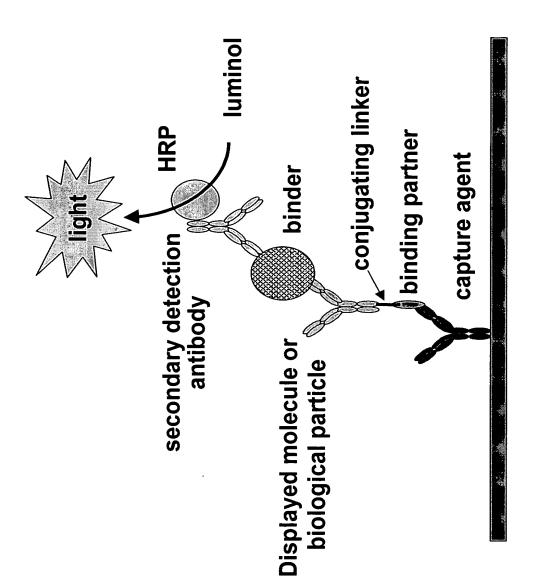


Figure 1B

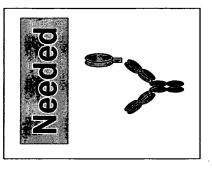
HELLER EHRMAN WHITE & McAULIFFE LLP (Sheet -3- of 23)

Title: SELF-ASSEMBLING ARRAYS AND USES

THEREOF

Applicants: Ault-Riche et al.

Filed: October 30, 2003 Atty Docket No.: 25885-1755



Start with 🔪 look for

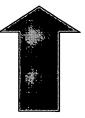
non-immunized mice

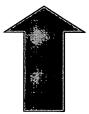
Purified IgG

Hybridomas from

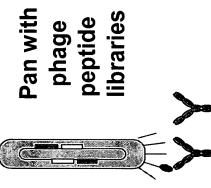
test for Retention of Binding Identified Binding Partners against Capture Agents to Synthesize and Screen

Affinity and Specificity









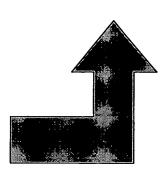


Figure 2A



Title: SELF-ASSEMBLING ARRAYS AND USES

THEREOF

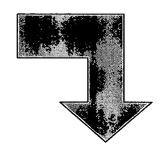
Applicants: Ault-Riche et al.

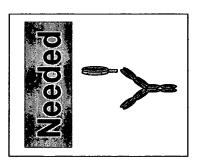
Filed: October 30, 2003 Atty Docket No.: 25885-1755

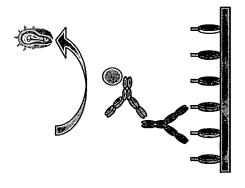
Start with I look for

Immunize mice with designed tags









i

Screen with arrayed tags

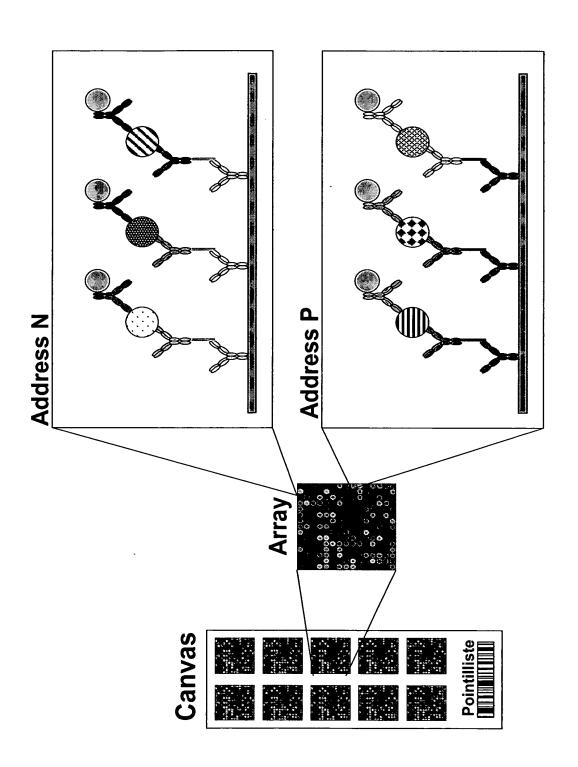
Figure 2B

HELLER EHRMAN WHITE & McAULIFFE LLP (Sheet -5- of 23)

Title: SELF-ASSEMBLING ARRAYS AND USES

THEREOF

Applicants: Ault-Riche et al.
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HELLER EHRMAN WHITE & McAULIFFE LL (Sheet -6- of 23)

Title: SELF-ASSEMBLING ARRAYS AND USES THEREOF

Applicants: Ault-Riche et al.

Filed: October 30, 2003 Atty Docket No.: 25885-1755

Screening for Candidate Compounds or Conditions that Modulate Interactions

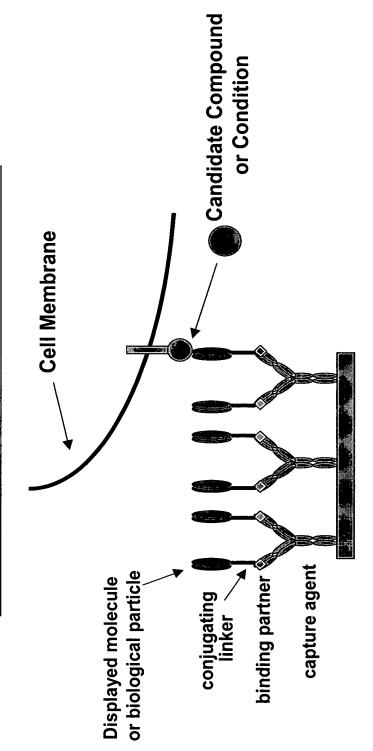


Figure 4A

HELLER EHRMAN WHITE & McAULIFFE L

(Sheet -7- of 23)
Title: SELF-ASSEMBLING ARRAYS AND USES

THEREOF

Applicants: Ault-Riche et al.

Filed: October 30, 2003 Atty Docket No.: 25885-1755

Screening for Candidate Compounds or Conditions that Modulate the Effect of Interactions

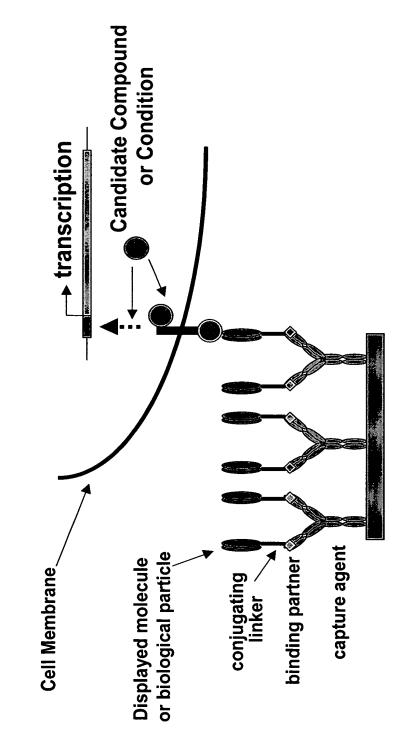
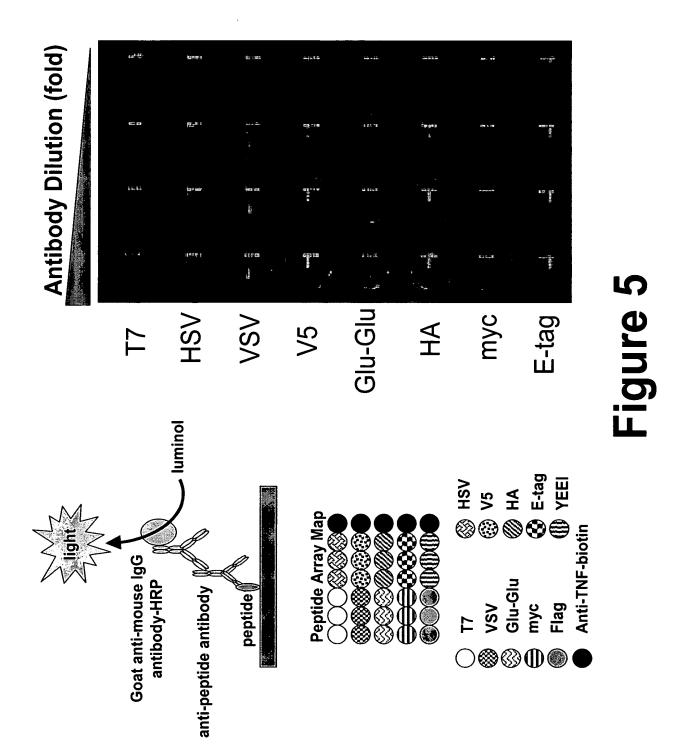


Figure 4B

HELLER EHRMAN WHITE & McAULIFFE LLP (Sheet -8- of 23)

Title: SELF-ASSEMBLING ARRAYS AND USES THEREOF

Applicants: Ault-Riche et al.



HELLER EHRMAN WHITE & McAULIFFE LLP (Sheet -9- of 23)

Title: SELF-ASSEMBLING ARRAYS AND USES

THEREOF
Applicants: Ault-Riche et al.



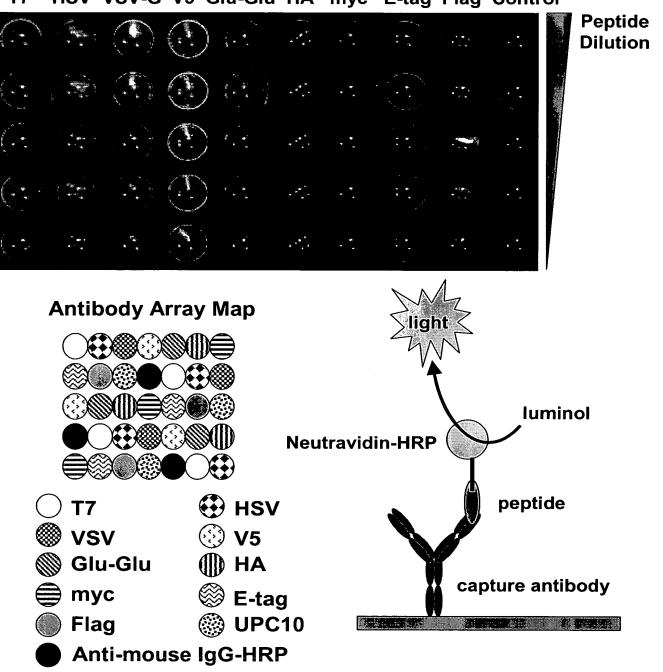


Figure 6

HELLER EHRMAN WHITE & McAULIFFE LLP (Sheet -10- of 23)

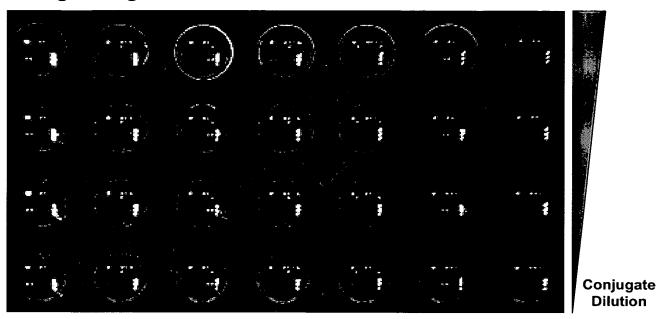
Title: SELF-ASSEMBLING ARRAYS AND USES

THEREOF

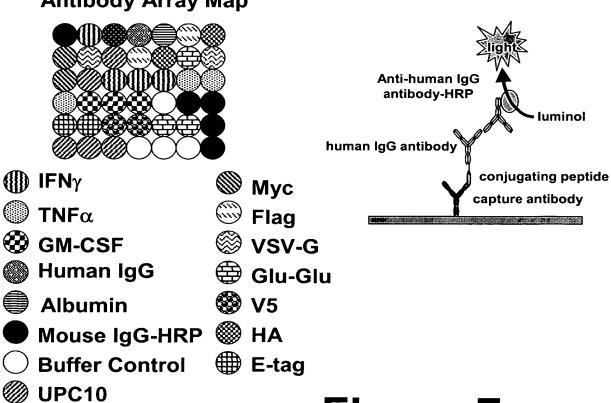
Applicants: Ault-Riche et al.

Filed: October 30, 2003 Atty Docket No.: 25885-1755

E-tag Flag Glu-Glu HA VSV-G V5 Control



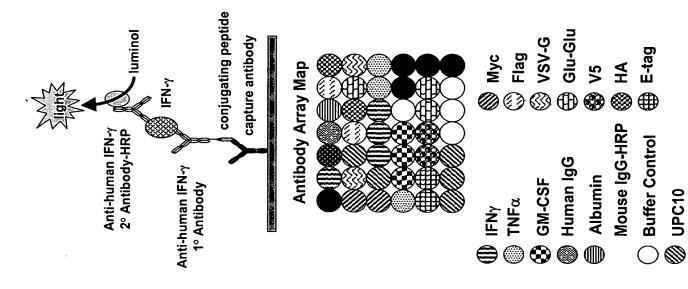
Antibody Array Map



Title: SELF-ASSEMBLING ARRAYS AND USES THEREOF Applicants: Ault-Riche et al. Filed: October 30, 2003 Atty Docket No.: 25885-1755 Dintition Opining Opinin

E-tag

LER EHRMAN WHITE & McAULIFFE LLP (Sheet -11- of 23)



HELLER EHRMAN WHITE & McAULIFFE LLP (Sheet -12- of 23)

Title: SELF-ASSEMBLING ARRAYS AND USES

THEREOF

Applicants: Ault-Riche et al.

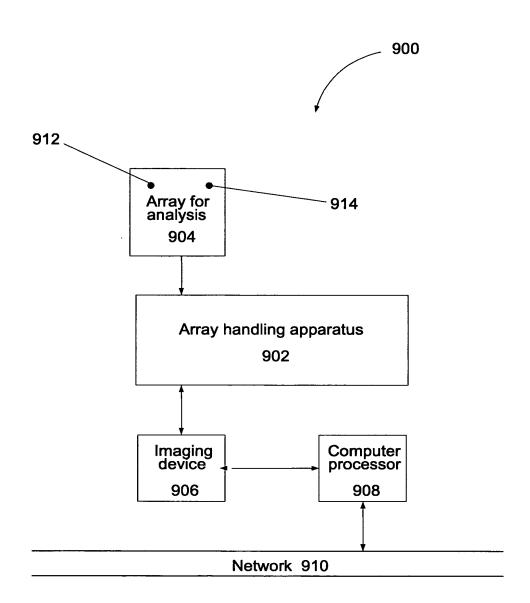
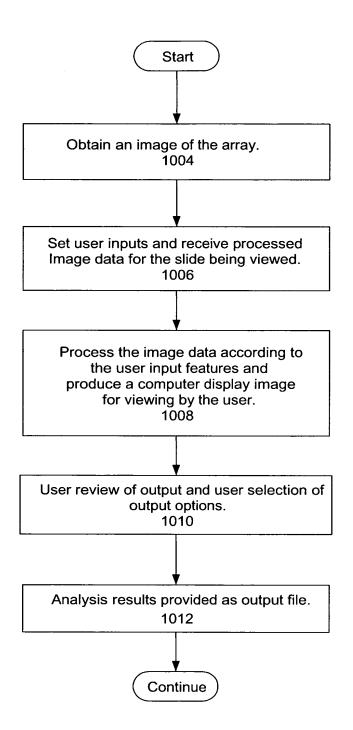


Figure 9

HELLER EHRMAN WHITE & McAULIFFE LLP (Sheet -13- of 23) Title: SELF-ASSEMBLING ARRAYS AND USES THEREOF Applicants: Ault-Riche et al. Filed: October 30, 2003 Atty Docket No.: 25885-1755



Start Determine an expected locus location for the Next locus of the array. 1102 Monitor the array image pixel data to identify increasing luminosity values. 1104 Identify the center of the locus by noting the maximum luminosity of pixel data. 1106 Calculate loci distances to neighboring loci. 1108 Continue

HELLER EHRMAN WHITE & McAULIFFE LLP (Sheet -14- of 23)

Title: SELF-ASSEMBLING ARRAYS AND USES

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THEREOF
Applicants: Ault-Riche et al.

Figure 11

HELLER EHRMAN WHITE & McAULIFFE LLP (Sheet -15- of 23)

Title: SELF-ASSEMBLING ARRAYS AND USES

THEREOF

Applicants: Ault-Riche et al.

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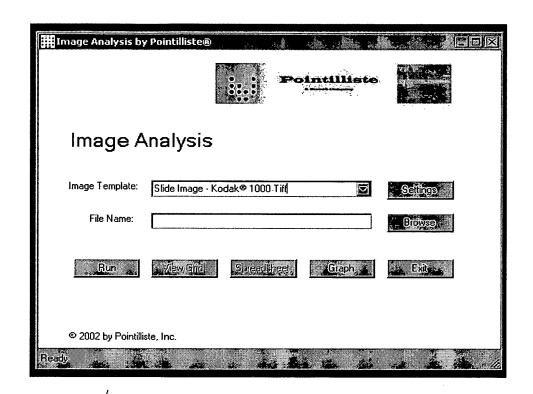


Figure 12

HELLER EHRMAN WHITE & McAULIFFE LLP (Sheet -16- of 23)

Title: SELF-ASSEMBLING ARRAYS AND USES

THEREOF

Applicants: Ault-Riche et al.

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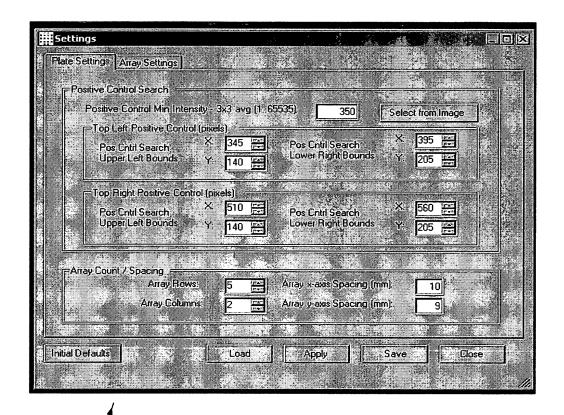


Figure 13

HELLER EHRMAN WHITE & McAULIFFE LLP (Sheet -17- of 23)

Title: SELF-ASSEMBLING ARRAYS AND USES

THEREOF

Applicants: Ault-Riche et al.

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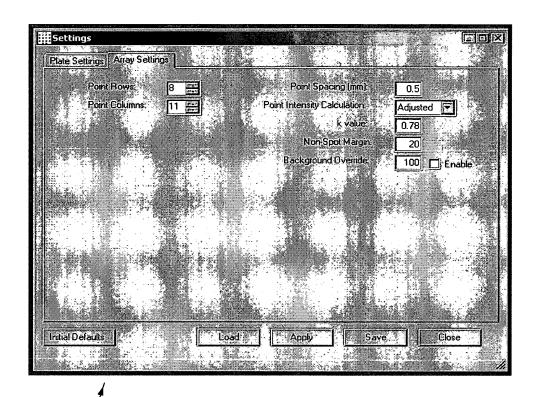


Figure 14

HELLER EHRMAN WHITE & McAULIFFE LLP (Sheet -18- of 23)

Title: SELF-ASSEMBLING ARRAYS AND USES

THEREOF

Applicants: Ault-Riche et al.

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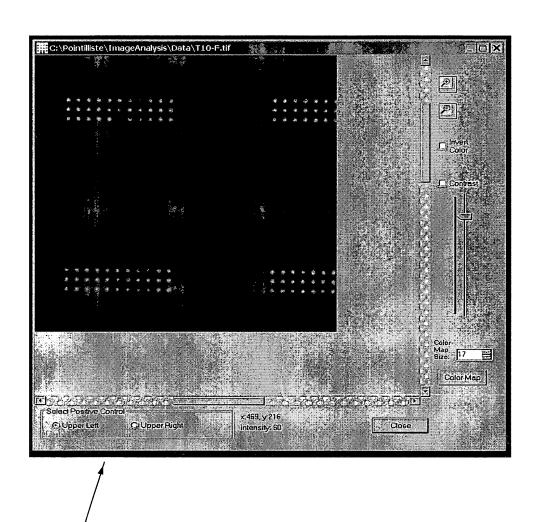


Figure 15

HELLER EHRMAN WHITE & McAULIFFE LLP (Sheet -19- of 23)

Title: SELF-ASSEMBLING ARRAYS AND USES

THEREOF

Applicants: Ault-Riche et al.
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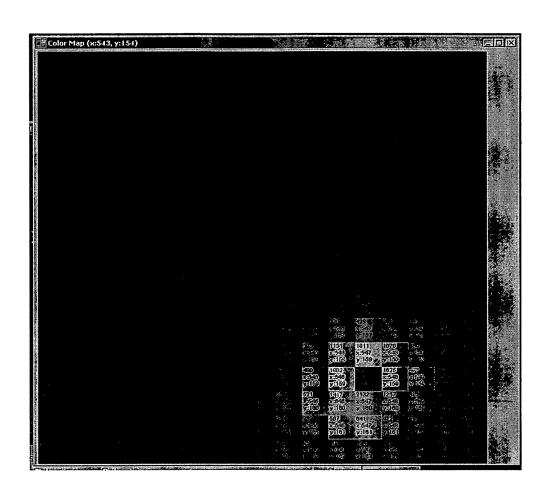


Figure 16

HELLER EHRMAN WHITE & McAULIFFE LLP (Sheet -20- of 23)

Title: SELF-ASSEMBLING ARRAYS AND USES

THEREOF

Applicants: Ault-Riche et al. Filed: October 30, 2003 Atty Docket No.: 25885-1755

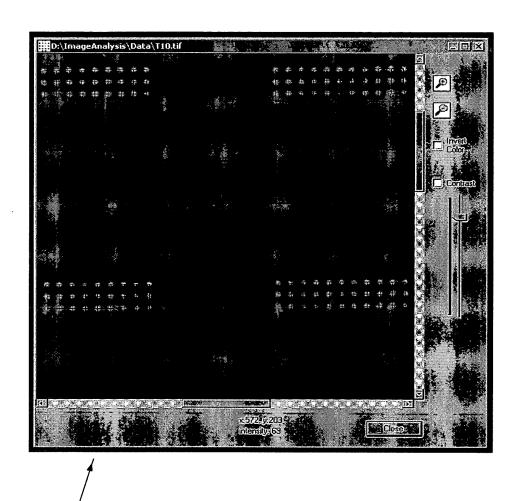


Figure 17

HELLER EHRMAN WHITE & McAULIFFE LLP (Sheet -21- of 23)

Title: SELF-ASSEMBLING ARRAYS AND USES

THEREOF

Applicants: Ault-Riche et al.

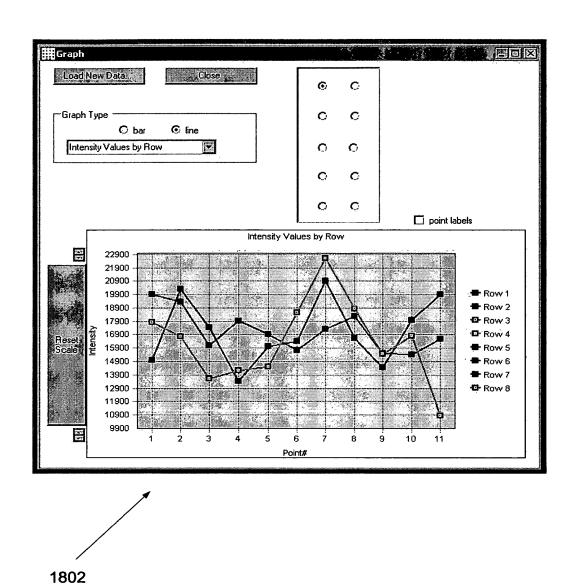


Figure 18

HELLER EHRMAN WHITE & McAULIFFE LLP (Sheet -22- of 23)

Title: SELF-ASSEMBLING ARRAYS AND USES THEREOF

Applicants: Ault-Riche et al.

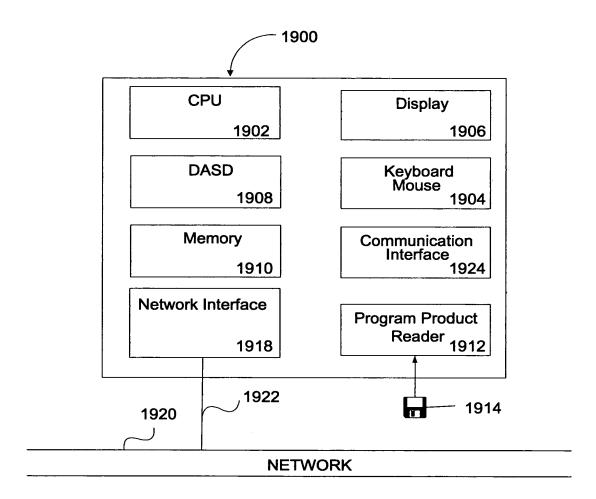


Figure 19

HELLER EHRMAN WHITE & McAULIFFE LLP (Sheet -23- of 23)

Title: SELF-ASSEMBLING ARRAYS AND USES

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